Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A print apparatus, comprising:

a first primary color chamber;

a second primary color chamber;

a custom color chamber in communication with the first and second primary color chambers;

a first pump operative to dispense a measured amount of ink from the first primary color chamber to the custom color chamber;

a second pump operative to dispense a measured amount of ink from the second primary color chamber to the custom color chamber;

a print head , in communication with a purging fluid via a feed valve, operative to print with ink from the custom color chamber;

and

~~a~~ the feed valve located intermediate the custom color chamber and the print head with ~~one~~ two or more connected and not-connected internal passageways wherein one or more passageways are ~~coupled~~connected and one or more passageways are not-connected ~~to~~ between the custom color chamber and the print head as well as between the purging fluid and the print head ~~and the one or more passages not-coupled to the custom color chamber~~ to alternately direct purging fluid or ink ~~from one of the chambers such that the internal passageways~~ through the connected and not-connected internal passageways ~~to the custom color chamber both~~ allow passage of fluid.

2. (Original) The print apparatus of claim 1, comprising n primary color chambers, where n is an integer number greater than 2.

3. (Original) The print apparatus of claim 1, comprising n custom color chambers, where n is an integer number greater than 1.

4. (Currently Amended) The print apparatus of claim 1, further comprising a purging fluid reservoir and a purging fluid source operative to purge ~~the~~ a custom color ink with the purging fluid via the internal passageways not-connected to the custom color chamber.

5. (Original) The print apparatus of claim 1, at least one low level sensor positioned to sense a low fluid level in at least one of the first primary color chamber, the second primary color chamber, and the custom color chamber.

6. (Original) The print apparatus of claim 5, comprising a controller operative to halt printing by the print head in response to the at least one low level sensor sensing a low fluid level and to notify a print apparatus operator.

7. (Original) The print apparatus of claim 5, comprising a controller operative to halt printing by the print head in response to the at least one low level sensor sensing a low fluid level.

8. (Previously presented) The print apparatus of claim 1, comprising a purging fluid reservoir and a purging fluid pump operative to purge the print head with purging fluid via the internal passageways not-connected to the custom color chamber.

9. (Original) The print apparatus of claim 8 at least one low level sensor positioned to sense a low fluid level in the purging fluid reservoir.

10. (Original) The print apparatus of claim 8, comprising a controller operative to halt printing by the print head in response to the at least one low level sensor sensing a low fluid level.

11. (Previously presented) The print apparatus of claim 1, comprising:

a purging fluid reservoir;

a purging fluid pump operative to direct purging fluid from the purging fluid reservoir to ~~a~~ the feed valve;

the feed valve being operative to alternatively direct purging fluid from the purging fluid pump or ink from the custom color chamber to the print head so all the internal passageways, connected and not-connected to the custom color chamber, are moving either purge fluid or ink.

12. (Previously presented) The print apparatus of claim 1, comprising:

a purging fluid reservoir;

a purging fluid pump operative to direct purging fluid from the purging fluid reservoir to the feed valve;

the feed valve being operative to alternatively direct purging fluid from the purging fluid pump or ink from the custom color chamber to the print head without generating bubbles in the feed valve.

13. (Original) The print apparatus of claim 1, comprising a dispensing valve operative to dispense a predetermined quantity of ink into the custom color chamber.

14. (Original) The print apparatus of claim 1, comprising an ink sensor positioned to sense a color of ink in the custom color chamber.

15. (Original) The print apparatus of claim 14, comprising a controller operative to report the color of ink in the custom color chamber to a print apparatus operator.

16. (Original) The print apparatus of claim 1, comprising:

a controller operative to induce dispensing of ink from one or more of the primary color chambers into the custom color chamber in order to match a color of ink in the custom color chamber to a predetermined custom color of ink.

17. (Original) The print apparatus of claim 1, comprising:

an ink sensor positioned to sense a color of ink in the custom color chamber; and

a controller operative to induce dispensing of ink from one or more of the primary color chambers into the custom color chamber in order to match the color of ink in the custom color chamber to a predetermined custom color of ink with feedback from the ink sensor.

18. (Original) The print apparatus of claim 1, comprising a print sensor positioned to sense a color of ink printed by the print head.

19. (Original) The print apparatus of claim 18, comprising a controller operative to report the color of ink printed by the print head to a print apparatus operator.

20. (Original) The print apparatus of claim 1, comprising:

a controller operative to induce dispensing of ink from one or more of the primary color chambers into the custom color chamber in order to match a color of ink printed by the print head to a predetermined printed color of ink.

21. (Original) The print apparatus of claim 1, comprising:

a print sensor positioned to sense a color of ink printed by the print head; and

a controller operative to induce dispensing of ink from one or more of the primary color chambers into the custom color chamber in order to match the color of ink printed by the print head to a predetermined print color with feedback from the print sensor.

22. (Original) The print apparatus of claim 1, the custom color chamber being removable from the print apparatus.